


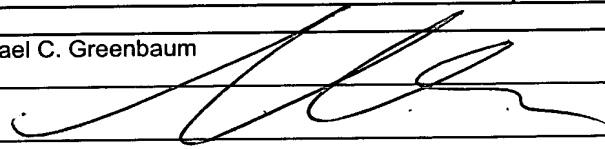
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| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | | Attorney Docket No. 117622-00102 First Inventor or Application Identifier Michael Smith Title METHODS OF DIAGNOSIS USING PULSE VOLUME MEASUREMENT |
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| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small> | ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 |
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| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27</small> 3. <input checked="" type="checkbox"/> Specification (with Title Page) Total Pages 24 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 11 5. <input checked="" type="checkbox"/> Oath or Declaration Total Pages 2 a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification or Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies | ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> White Advance Serial No. Postcard 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: |
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| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.: </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Prior application information: Examiner: Group Art Unit: </div> | |
| <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> | |
| 19. Amend the specification by inserting before the first line the sentence: <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> This application is a <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of application Serial No. Filed on </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> This application claims priority of provisional application Serial No. Filed </div> | |

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|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 20. CORRESPONDENCE ADDRESS | |
| BLANK ROME LLP 600 NEW HAMPSHIRE AVENUE, N.W. WASHINGTON, DC 20037 TEL (202) 944-3000 FAX (202) 572-8398 |  27557 <small>PATENT TRADEMARK OFFICE</small> |

| | |
|------------------------------------------------------------------------------------------------|--------------------------|
| Name: Michael C. Greenbaum | Registration No.: 28,419 |
| Signature:  | Date: September 30, 2003 |

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1320.00

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | To be assigned |
| Filing Date | September 30, 2003 |
| First Named Inventor | Michael Smith |
| Examiner Name | To be assigned |
| Group / Art Unit | To be assigned |
| Attorney Docket No. | 117622-00102 |

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

23-2185

Deposit
Account
Name

BLANK ROME LLP

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101 | 750 | 201 | 375 | Utility filing fee | \$375 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 520 | 207 | 260 | Plant filing fee | |
| 108 | 750 | 208 | 375 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | \$ |

SUBTOTAL (1)

(\$ 375)

2. EXTRA CLAIM FEES

| | | | | | | | | |
|-----------------------|----|-------|---|----|---|--------------------------|---|-----------------|
| Total Claims | 55 | -20** | = | 35 | X | Fee from below \$9 | = | Fee Paid 315 |
| Independent Claims | 18 | -3** | = | 15 | X | \$42 | = | \$630 |

Multiple
Dependent

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|------------------------------------------------------------|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 1320)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------------------------------------------------|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 410 | 216 | 205 | Extension for reply within second month | |
| 117 | 930 | 217 | 465 | Extension for reply within third month | |
| 118 | 1,450 | 218 | 725 | Extension for reply within fourth month | |
| 128 | 1,970 | 228 | 985 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,300 | 241 | 650 | Petition to revive - unintentional | |
| 142 | 1,300 | 242 | 650 | Utility issue fee (or reissue) | |
| 143 | 470 | 243 | 235 | Design issue fee | |
| 144 | 630 | 244 | 315 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee for provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 750 | 246 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 750 | 249 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 750 | 279 | 375 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$0)

BLANK ROME LLP
600 NEW HAMPSHIRE AVENUE, N.W.
WASHINGTON, DC 20037
TEL (202) 944-3000 FAX (202) 572-8398



27557

PATENT TRADEMARK OFFICE

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|-----------------------|-----------------------------------|--------|-----------|--------------------|
| Name (Print/Type) | Michael C. Greenbaum. | Registration No. (Attorney/Agent) | 28,419 | Telephone | 202-772-5800 |
| Signature | | | | Date | September 30, 2003 |